

Claims:

1. Tamper-evident labelling material including a base layer of synthetic paper that is printable on its upper surface, and an adhesive layer on the lower surface of the base layer, characterised in that the base layer includes a layer of biaxially-oriented and voided high density polyethylene (HDPE) that has a density of not more than 0.6g cm^{-3} .
2. Tamper-evident labelling material as claimed in claim 1, wherein the layer of biaxially-oriented and voided HDPE has a density of not more than 0.5g cm^{-3} .
3. Tamper-evident labelling material as claimed in claim 1 or claim 2, wherein the mean cohesive strength of the labelling material is not more than about 4N.
4. Tamper-evident labelling material as claimed in claim 1 or claim 2, wherein the mean cohesive strength of the labelling material is not more than about 3N.
5. Tamper-evident labelling material as claimed in any preceding claim, wherein the base layer includes a coextruded core layer of biaxially-oriented and voided HDPE between upper and lower skin layers, wherein the skin layers have a density of more than 0.6g cm^{-3} .
6. Tamper-evident labelling material as claimed in claim 5, wherein the skin layers have a density more than 0.9g cm^{-3} .
7. Tamper-evident labelling material as claimed in claim 5 or 6 wherein the skin layers have a thickness of not more than $2\mu\text{m}$.
8. Tamper-evident labelling material as claimed in claim 5, 6 or 7 wherein the skin layers consist of biaxially-oriented and substantially unvoided HDPE.
9. Tamper-evident labelling material as claimed in any of claims 5 to 8, wherein the thickness of the core layer is about $100\mu\text{m}$.
10. Tamper-evident labelling material as claimed in any preceding claim, wherein the base layer includes a printable layer comprising a polymeric binder, an absorbent pigment and an antistatic agent.
11. Tamper-evident labelling material as claimed in claim 10, wherein the binder: pigment dry weight ratio is in the range 15:100 to 50:100, preferably 22:100 to

35:100, and the antistatic agent: pigment dry weight ratio is from 0.4:100 to 2.5:100.

12. Tamper-evident labelling material as claimed in claim 11, wherein the binder comprises a carboxylated styrene-butadiene copolymer.
13. Tamper-evident labelling material as claimed in any preceding claim, substantially as herein described with reference to Example 1 or 2.
14. The use in labelling material, which includes a base layer of synthetic paper that is printable on its upper surface and an adhesive layer on its lower surface, for the purpose of imparting tamper-evident properties, of a layer of biaxially-oriented and voided high density polyethylene (HDPE), characterized in that the layer of biaxially-oriented and voided HDPE has a density of not more than 0.6g cm^{-3} .
15. The use as claimed in claim 14, wherein the layer of biaxially-oriented and voided HDPE has a density of not more than 0.5g cm^{-3} .
16. The use as claimed in claim 14 or claim 15, wherein the mean cohesive strength of the labelling material is not more than about 4N.
17. The use as claimed in claim 14 or claim 15, wherein the mean cohesive strength of the labelling material is not more than about 3N.
18. The use as claimed in any one of claims 14 to 17, wherein the base layer includes a coextruded core layer of biaxially-oriented and voided HDPE between upper and lower skin layers, wherein the skin layers have a density of more than 0.6g cm^{-3} .
19. The use as claimed in claim 18, wherein the skin layers have a density more than 0.9g cm^{-3} .
20. The use as claimed in claim 18 or claim 19, wherein the skin layers have a thickness of not more than $2\mu\text{m}$.
21. The use as claimed in claim 18, 19 or 20 wherein the skin layers consist of biaxially-oriented and substantially unvoided HDPE.
22. The use as claimed in any of claims 18 to 21, wherein the thickness of the core layer is about $100\mu\text{m}$.